

## Geometry 4.2 Assignment Answer Bank: Congruence & Triangles

11) There are multiple ways to perform the proof.

(1, 0)

6

9

15

17

$\sqrt{26}$

28

$\overline{AC} \cong \overline{AC}$  by reflexive POC

BCD

$\angle B \cong \angle R$

$\overline{CD}$

$\overline{DB} \cong \overline{UR}$

$\triangle DCA \cong \triangle BCA$

$\angle DAC \cong \angle BCA$  by third angle theorem

$\angle D \cong \angle U$

$\angle F$

No

None

$\overline{YB} \cong \overline{SR}$

$\overline{YD} \cong \overline{SU}$

Yes

$\angle Y \cong \angle S$